



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT OPERATIONS

Art Unit: 2857 (Examiner John H. Le)
Applicant: Hanns-Erik Endres
Serial No: 10/606,912
Filed: June 26, 2003
Title: APPARATUS AND METHOD FOR MONITORING A RUNNING PROCESS

Charlotte, North Carolina
April 18, 2005

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENT TO FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

Cited Prior Art:

Patent No. 5,949,678

REMARKS

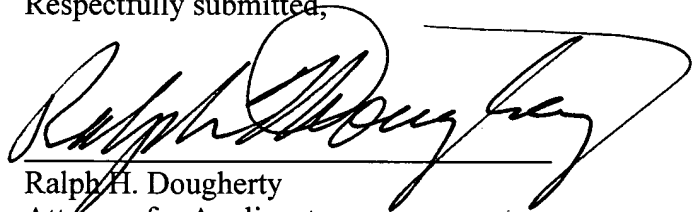
The attached PTO Form-SB08 is incorporated as part of the Information Disclosure Statement. A copy of each cited document is enclosed herewith.

Applicant submits herewith patents, publications, or other information of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. While this information may be "material" pursuant to 37 C.F.R. §1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such.

US Patent 5,949,678 shows a modified principal component analysis wherein principal directions are dynamically adapted to the multivariate process in real time. However, this patent is not concerned with an application of a principal component analysis for detecting an end of a process. In particular, it does not show use of a process indicator quantity calculated by using an actual and a previously calculated main component vector for determining an end of the process.

In accordance with 37 C.F.R. §1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(a) exists. As this Supplemental Invention Disclosure Statement is being provided after issuance of an initial Office Action, pursuant to 37 C.F.R. § 1.97(b)(2), the required fee is submitted herewith.

Respectfully submitted,



Ralph H. Dougherty
Attorney for Applicant
Registration No. 25,851
DOUGHERTY, CLEMENTS, HOFER & BERNARD
The Roxborough Building
1901 Roxborough Road; Suite 300
Charlotte, North Carolina 28211
Telephone: (704) 366-6642

RHD/ses
Enclosure

• Copy of prior art reference

